CompTIA

Exam Questions SK0-004

CompTIA Server+

NEW QUESTION 1
As a best practice, which of the following should be determined prior to provisioning a server? (Select TWO).

A. User accounts
B. Group accounts
C. Hostname
D. MAC address
E. Domain name
F. IP address

Answer: CF

NEW QUESTION 2
An administrator wishes to use KVM remotely to monitor and control a server farm. In order to perform this function:

A. remote control must be disabled on each server.
B. the host must be reachable via the IP address.
C. a serial cable must be available.
D. a monitor must be attached to every serve

Answer: B

NEW QUESTION 3
An ISP is currently drafting and compiling a Service Level Agreement that states there should only be
5.26 minutes of downtime per year, 25.9 seconds per month, and 6.05 seconds per week. Which of the following percentages should be used to meet these metrics?

A. 99.9%
B. 99.99%
C. 99.999%
D. 99.9999%

Answer: C

NEW QUESTION 4
Which of the following is the MOST secure method of storing critical and sensitive system information (e.g., administrative passwords, trusted signing keys)?

A. Store the information encrypted and offline in a storage safe.
B. Encrypt the information using a zip file with a password.
C. Utilize a drive with full disk encryption enabled.
D. Create an encrypted virtual disk for storag

Answer: A

NEW QUESTION 5
Which of the following is an example of the principle of least privilege and is the MOST secure when granting access to a shared network drive used by the Accounting department?

A. Grant appropriate permissions to only users in the Accounting department for both the share and NTFS
B. Grant all users full control permissions for the share only
C. Grant the Accounting department full control for the share and appropriate NTFS permissions
D. Grant modify permissions to the Accounting department and deny NTFS permissions to all other users

Answer: A

NEW QUESTION 6
A system administrator needs to rebuild a server by booting to the OS DVD. The server powers up but attempts to boot from the network. Which of the following is the MOST likely source of the problem?

A. Incorrect media type
B. Driver failure
C. Incorrect mount point
D. Memory failure

Answer: A

NEW QUESTION 7
A technician is troubleshooting a Linux server and wants to inspect the free disk space on the
/dev/sda partition of the system. Which of the following command line tools should the administrator run to view available disk space on the partition?

A. dd
B. du
C. ls
D. df

Answer: D

NEW QUESTION 8
A technician is troubleshooting an issue with a new server, which is unable to download OS patches from the Internet. The technician reviews the following configuration:
Ethernet Adapter Local Area Connection: Connection-specific DNS Suffix . : compti a.org
Link-local IPv6 Address . . . . : fe80::c95:3f59:1a01:c050%11 IPv4 Address . . . . : 192.168.10.20
Subnet Mask . . . . : 255.255.255.128
Default Gateway . . . . : 192.168.10.129
Which of the following is the reason that the server is unable to connect to the Internet?

A. Incorrect default gateway
B. Invalid IPv6 address
C. Wrong subnet mask
D. Misconfigured DNS suffix

Answer: A

NEW QUESTION 9
When troubleshooting a failed backup, a technician runs the backup using the same tape but on a different tape drive in the same tape library. The backup fails again. Which of the following should be the FIRST item the technician should examine as a failure?

A. Tape drive
B. Tape library
C. Tape media
D. Tape capacity

Answer: C

NEW QUESTION 10
Users report that an application is unable to connect to a server on the same network segment. Which of the following is the MOST likely reason?

A. The external firewall is preventing access to the server.
B. The DMZ is incorrectly configured.
C. The syslog server detects malware on the server.
D. The application is using a port that is closed on the serve

Answer: D

NEW QUESTION 10
Which of the following is a requirement for a server to allow guests to be installed on a hypervisor host?

A. Processors with multiple cores
B. Processors with available cache
C. Processors that support virtualization
D. Processors that support hyperthreading

Answer: C

NEW QUESTION 12
Swap space or page file is reserved on the:

A. motherboard.
B. memory.
C. hard disk.
D. CPU.

Answer: C

NEW QUESTION 17
Which of the following are required characteristics of database servers in high transaction environments? (Select THREE).

A. Two-factor authentication
B. High bandwidth
C. Higher RPM drives
D. Load balancing
E. High latency
F. Hotswappable drives
G. Encryption

Answer: BCD

NEW QUESTION 20
An administrator is asked to change a configuration using a GUI on a Windows server, but does not have access to a KVM. Which of the following is BEST to make the change?

A. SSH
B. SCP
C. RDP
D. NTP

Answer: C

NEW QUESTION 25
A datacenter technician encounters a power receptacle labeled NEMA L5-30. Which of the following powers is this socket rated for?

A. 115v 30 amp
B. 208v 30 amp
C. 220v 1 phase
D. 440v 3 phase

Answer: A

NEW QUESTION 30
A technician is experiencing overheating on a rack mounted server. After powering off and removing the cover of the server, a large amount of dust is noticed on one of the fans. After cleaning out the dust and powering the server back on, the server is still overheating. Which of the following would BEST explain this issue?

A. The power supply has failed.
B. The server is using excessive power.
C. The hard drives are running too hot.
D. Some of the cooling fans are defectiv

Answer: D

NEW QUESTION 35
A server technician has been tasked with purchasing cables and connectors for a new server room. The server room consists of one switch, two servers, and one IP telephone. Which of the following types of cables and connectors should the technician purchase?

A. Coaxial cable and BNC connectors
B. Straight through Ethernet cable and RJ-45 connectors
C. Silver satin and RJ-11 connectors
D. Crossover Ethernet cable and RJ-11 connectors

Answer: B

NEW QUESTION 40
Which of the following is a basic difference between DAS and NAS?

A. NAS requires fibre channel; DAS does not.
B. NAS is faster than DAS when using NFS.
C. DAS operates its own OS; NAS does not.
D. DAS is directly connected to a server; NAS is connected via IP networkin

Answer: D

NEW QUESTION 41
Which of the following is a reason to have a remote cold site readily available in case of a disaster in the primary datacenter?

A. It provides a company with a redundant location that mirrors the primary datacenter hardware but requires no data restoration.
B. It provides a company with a backup location to install the necessary equipment to restore critical services.
C. It provides a company with a backup location equipped with resources necessary for immediaterestoration of critical services.
D. It provides a company with a redundant location that mirrors the primary datacenter hardware and data.

Answer: B

NEW QUESTION 42
A network administrator is tasked to set up zoning for a SAN infrastructure that requires redundancy. Which of the following types of hardware should the administrator implement?

A. Multiple VLANs
B. Multiple host nodes
C. Multiple HBAs
D. Multiple routers

Answer: C

NEW QUESTION 43
A technician reads a hardware manufacturer's blog indicating a critical firmware update is available for the company's file server. Which of the following is the BEST course of action?

A. Download and install a firmware update from a centralized server.

B. Download the firmware update and test it on a VM.
C. Download the firmware update and test it on a non-production server.
D. Download the firmware update and run it on the company's file server immediatel

Answer: C

NEW QUESTION 48
A technician is configuring switches with SFP ports on multiple floors in a building. A switch on the first floor must be connected to a switch on the second floor for trunking VLAN traffic. Which of the following would be the MOST appropriate cable type for the technician to use?

A. Multimode fiber
B. Coaxial cable
C. CAT5e rollover
D. CAT6 straight through

Answer: A

NEW QUESTION 51
A system administrator is tasked to setup a database server with failover clustering feature enabled. One of the requirements is to have one database running at all times with data being synchronized and replicated to the idle database in case the primary database server fails. Both servers will be monitored by a witness on a LUN. Which of the following cluster techniques should be implemented to meet these requirements?

A. Active/Active
B. Active/Passive
C. Single Local Quorum
D. Passive/Passive
E. Shared Multiple Quorum

Answer: B

NEW QUESTION 54
A system technician is tasked with destroying several hard drives that contain PII. Which of the following would be the BEST method for disposing of the drives?

A. Shred the hard drives.
B. Complete a hard wipe.
C. Perform a soft wipe.
D. Delete the partition tabl

Answer: A

NEW QUESTION 58
In a PKI, which of the following represents the top level of a certificate authority?

A. Root CA
B. Intermediate CA
C. Subordinate CA
D. Delegated CA

Answer: A

NEW QUESTION 60
After successfully authenticating to a remote server, a server administrator is presented with an interactive command line with no graphical interface. Which of the following protocols did the administrator MOST likely use to securely connect to the remote server?

A. SSH
B. Bash
C. Telnet
D. FTP

Answer: A

NEW QUESTION 65
A company has 700 servers installed in 50 server racks in the datacenter. The Chief Technology Officer issued a memorandum to the IT department with a directive to reduce power and cooling consumptions by 50% in the datacenters. Which of the following should the system administrators recommend?

A. Implement 208V 3-phase servers
B. Implement hot aisle / cold aisle
C. Virtualize the servers in the datacenter
D. Replace each server with a blade server

Answer: C

NEW QUESTION 66
An administrator would like to determine what port and services are running locally on a server. Which of the following Windows command lines and shell tools should the administrator use? (Select THREE).

A. get-services
B. show ports
C. sc query
D. netstat
E. vmstat
F. show services

Answer: ACD

NEW QUESTION 70
Which of the following is the number of 7-inch high servers that can be installed in a 42U rack?

A. 4
B. 5
C. 10
D. 12

Answer: C

NEW QUESTION 75
A technician is installing a rack mounted server into a rack in a datacenter with CRAC units and blanking panels. Blanking panels are used to:

A. lower the UPS power requirements.
B. limit airflow leakage in the rack.
C. limit the amount of servers that will fit into the rack.
D. color match the server colo

Answer: B

NEW QUESTION 80
An administrator purchases a new server, which contains only one Xeon processor. This server is also known as a:

A. load balancing server.
B. multicore server.
C. redundant server.
D. single-core serve

Answer: B

NEW QUESTION 84
A server administrator wants to upgrade the memory of the server using two memory modules. The server has two banks of memory with the following slots available: A2, A3, A4, B2, B3, and B4. In which of the following two slots should the administrator install the additional RAM?

A. Slots A2 and A3
B. Slots A2 and B2
C. Slots A2 and B4
D. Slots B2 and B3

Answer: B

NEW QUESTION 86
A system technician is asked to create a test environment that will consist of 45 computers and a file server. Which of the following types of servers is BEST suited for IP management in the lab network?

A. Domain Name Service
B. Window Internet Naming Services
C. Dynamic Host Configuration Protocol
D. Routing and Remote Access

Answer: C

NEW QUESTION 88
Which of the following services provide hostname to IP address resolution? (Select TWO).

A. NTP
B. NAT/PAT
C. DHCP
D. DNS
E. WINS
F. LDAP

Answer: DE

NEW QUESTION 92
While performing routine testing of a hot standby site located at a remote hosting center, a system administrator is unable to access one of the server operating

systems to verify functionality. Which of the following is MOST applicable to access the host?

A. KVM over IP
B. RDP over HTTP
C. Secure shell
D. Serial console access
E. VNC

Answer: A

NEW QUESTION 97
An administrator needs to control servers locally via a console. The administrator wants a rack mounted solution for easy access. Which of the following should be installed?

A. iDRAC
B. KVM
C. ILO
D. RDP

Answer: B

NEW QUESTION 100
A server administrator is creating a design for a new datacenter. The servers should be configured for maximum availability and also provide caching for user information requests. Which of the following techniques should be used?

A. Active/Passive
B. Round robin
C. Heartbeat
D. Active/Active
E. Passive/Passive

Answer: D

NEW QUESTION 103
A company is planning to replace old hardware and needs to budget accordingly. Which of the following is likely to contain a list of end of life servers?

A. The server's warranty information.
B. The server's life cycle schedule.
C. The asset management database.
D. The software licensing agreemen

Answer: C

NEW QUESTION 107
Which of the following methods should be used when classified or sensitive data is stored on a server?

A. Directory encryption
B. Whole disk encryption
C. File encryption
D. Partition encryption

Answer: B

NEW QUESTION 109
A technician working in the datacenter has finished racking a new 4U server into a new rack. Which of the following should the technician do to allow for hot/cold aisle containment?

A. Close the perforated floor tile in front of the new rack.
B. Reset the rack temperature and humidity control.
C. Install blanking panels in the rack.
D. Lower the temperature of the data center HVA

Answer: C

NEW QUESTION 112
A new file server is added to an existing network. Some users are able to connect to this server, while others are not. A partial network configuration on the server shows the following:
Link local: fe80::3000:aff:dea6:f8c/64
Which of the following BEST explains why some users cannot connect to the server?

A. The users' workstations are configured to use DHCP.
B. The users' workstations do not support IPv6.
C. The users' workstations are not on the same network as the server.
D. The user's workstations are configured with an incorrect subnet mas

Answer: B

NEW QUESTION 117
Which of the following services provides users with directory services?

A. IMAP
B. LDAP
C. SFTP
D. DHCP
E. DNS

Answer: B

NEW QUESTION 122
In order for a server to fully function as a web server, which of the following default ports should be open? (Select TWO).

A. 22
B. 80
C. 443
D. 445
E. 631
F. 8080

Answer: BC

NEW QUESTION 124
Which of the following default ports should be open on a server for remote administration?

A. TCP 25
B. TCP 389
C. TCP 3128
D. TCP 3389

Answer: D

NEW QUESTION 126
A technician is working on a server that is experiencing network connectivity issues. The technician replaces the NIC on the server, but this does not resolve the issue. Which of the following troubleshooting steps should the technician do NEXT?

A. Establish a new theory of probable cause
B. Perform a root cause analysis
C. Document findings, actions, and outcomes
D. Identify additional changes to the server

Answer: A

NEW QUESTION 128
An administrator receives multiple reports that users cannot access a secure website hosted on a server the administrator manages. The administrator investigates and discovers that the reason users cannot access the secure site is because:

A. port 22 is closed.
B. port 80 is closed.
C. port 443 is closed.
D. port 3389 is close

Answer: C

NEW QUESTION 132
A technician has completed the installation and configuration of a third email server. The technician has configured the firewall to permit email traffic, but the mail is only being received by the two older servers. Which of the following should the technician configure to ensure incoming email will be processed by all three servers?

A. Enable NTP to ensure all three servers are synchronized.
B. Configure IMAP on the new mail server.
C. Add the DNS server option in DHCP.
D. Update the MX record in DN

Answer: D

NEW QUESTION 134
A new version of the primary OS used by a company has been released. Due to some significant changes in the OS, a system administrator wants to see which remotely accessible services are enabled by default to access the security risk prior to upgrading to the new version. Which of the following utilities should the administrator use?

A. Cipher program
B. Port scanner
C. Telnet client
D. Packet sniffer

Answer: B

NEW QUESTION 138
A network administrator finds there are several users who cannot access a particular application. The application does not launch for the users. The network administrator finds the server has not been rebooted in 192 days. Which of the following is the MOST likely cause of these issues?

A. Memory leak
B. Low resources
C. Slow OS performance
D. Service failure

Answer: A

NEW QUESTION 139
A new server has a battery-backed RAID controller built onto the motherboard. Which of the following will occur if the RAID controller fails?

A. The array configuration information will be lost.
B. The battery will provide enough power to save the array information.
C. All data stored on the array is lost.
D. The array will continue to function in a degraded stat

Answer: B

NEW QUESTION 144
A network administrator is installing additional devices on the network. The network segment is currently utilizing all allocated IP addresses. If there are additional addresses available, which of the following would be BEST for the network administrator to perform to accommodate the new network devices?

A. Create a new DHCP scope for the network segment in question.
B. Configure the DHCP server for IPv6.
C. Configure the network to use NAT for the network segment in question.
D. Increase the size of the DHCP scope for the network segment in questio

Answer: D

NEW QUESTION 146
Which of the following represents the directory permissions to provide least privilege for publicly readable directories on a Unix web server?

A. rwxrwxrwx (777)
B. rwxrwx-w- (772)
C. rwxrwxr-x (775)
D. rwxrwx-x (771)

Answer: C

NEW QUESTION 148
A small office has installed a server inside a writing closet. Users report losing connectivity to the server at various times throughout the day. Which of the following should have been considered before installing the server to prevent this issue from occurring?

A. Airflow
B. Redundant power
C. Antivirus software
D. Chassis lock

Answer: A

NEW QUESTION 152
An administrator needs to back up changed files only and has time constraints on the back up window. Which of the following is the BEST choice for a backup strategy?

A. Differential
B. Snapshot
C. Full
D. Incremental

Answer: A

NEW QUESTION 154
A technician reads a hardware manufacturer's blog indicating a critical firmware update is available for the company's file server. Which of the following is the BEST course of action?

A. Download and install a firmware update from a centralized server.
B. Download the firmware update and test it on a VM.
C. Download the firmware update and test it on a non-production server.
D. Download the firmware update and immediately run it on the company's file serve

Answer: C

NEW QUESTION 156
An administrator has been tasked with making recommendations for purchasing disks that will support a transactional database where performance is of greatest concern and budget is secondary. Which the following disk types should the administrator recommend?

A. FC
B. iSCSI
C. SAS
D. SATA

Answer: C

NEW QUESTION 160
A technician is having problems sending a notification from a server. The technician suspects the firewall may be blocking traffic. Which of the following clients can be used to confirm the technician's suspicions?

A. traceroute
B. sendmail
C. nslookup
D. telnet

Answer: A

NEW QUESTION 162
A technician needs to install an OS patch on a virtual server. Which of the following backup types should the technician perform prior to the patch installation that will allow the server to be restored the FASTEST?

A. Snapshot
B. Incremental
C. Differential
D. Full

Answer: A

NEW QUESTION 166
A server technician is configuring a remote site and must ensure an active-active, site-to-site replication is enabled to adhere to disaster recovery initiatives with little to no change between production and the remote site. Which of the following site types BEST represents the purpose of this remote site?

A. Cold site
B. Warm site
C. Hot site
D. Off-site

Answer: C

NEW QUESTION 171
Which of the following should a systems administrator create to enable network connectivity on a virtual machine? (Choose two.)

A. A virtual network
B. A virtual network adapter
C. A virtual network storage
D. An extra network card on the server
E. A virtual switch

Answer: BE

NEW QUESTION 174
A customer reports their mail can send emails but not receive them. A technician arrives on-site to troubleshoot the issue. Which of the following troubleshooting steps should the technician do FIRST?

A. Identify changes to the server
B. Establish a theory of probable cause
C. Escalate the problem to a manager
D. Perform a root cause analysis

Answer: B

NEW QUESTION 177
A server technician is connecting a server directly to a multilayer switch, without MDI-X. Which of the following cables should the server technician use?

A. Crossover
B. Coaxial
C. Rollover
D. Straight through

Answer: D

NEW QUESTION 181
After installing a 1 TB hard drive, a technician notices the OS is reporting significantly less unformatted capacity than was expected. Which of the following is the root cause?

A. NTFS is using up capacity
B. The OS is reporting raw capacity
C. The OS is reporting capacity using base 2 numbers
D. There was old data previously stored on the drive

Answer: D

NEW QUESTION 184
Immediately following a BIOS firmware update, a server detects an overheat condition and shuts down after five minutes. Which of the following should the systems administrator do FIRST?

A. Ensure the system fans are running
B. Disconnect the server's power and restore the backup ROM
C. Run the hardware manufacturer's onboard diagnostics
D. Reapply thermal paste to the CPUs and heat sinks

Answer: A

NEW QUESTION 189
An administrator is securing a network time server by disabling ports. After completing this process, the network time server is not functioning. The administrator should now go back and verify whether which of the following ports is enabled?

A. 23
B. 110
C. 123
D. 389

Answer: C

NEW QUESTION 192
Which of the following ports should be open if a server is configured as an email server with high security for incoming connections? (Choose two.)

A. TCP 110
B. TCP 143
C. TCP 161
D. TCP 993
E. TCP 995

Answer: DE

NEW QUESTION 196
A server technician is applying a security patch to an active-passive failover SQL cluster. However, the cluster must continue to service clients during the process with limited outages. Given this scenario, which of the following should the technician do to adhere to these maintenance requirements?

A. Failover back to the original active node once the patching is complete
B. Keep services failed over to passive node once patching is complete
C. Move services to the active node and repeat for the passive node
D. Patch the passive node, failover, and patch the other node

Answer: D

NEW QUESTION 198
An administrator is connecting a laptop to administer a switch using an Ethernet cable, which works on a PC to a wall jack. The switch is functioning, but the administrator is unable to establish a connection with the switch. Which of the following is MOST likely the issue?

A. The switch is faulty
B. The port is faulty
C. The cable is a rollover cable
D. The cable is a straight-through cable

Answer: B

NEW QUESTION 200
A server has five hot swappable drives in a hardware RAID 5 configuration. One of those drives has issued a predictive failure warning to the server's management console. Which of the following is the BEST course of action?

A. Replace the drive and restore data from backup
B. Reformat the drive and restore data from backup
C. Reformat the drive and have the RAID controller rebuild the configuration

D. Replace the drive and have the RAID controller rebuild the configuration

Answer: C

NEW QUESTION 201
FILE-SERVER-1 is being decommissioned. A server technician powers off the server labeled FILESERVER- 1 only to find out the label on the server was incorrect, causing an outage. Which of the
following could have helped avoid this outage?

A. IP address
B. Recovery documentation
C. Hardware inventory
D. Network diagram

Answer: C

NEW QUESTION 202
A server administrator is formulating a DRP for an organization. The DRP specifies that all backups must be saved in a format that supports linear data access. Which of the following media types would meet this objective?

A. LTO
B. SAN
C. NAS
D. JBOD

Answer: A

NEW QUESTION 204
An IT manager noticed that specific directories' permissions are being changed by users. Which of the following will prevent this from occurring?

A. Allow Read permissions only on directories
B. Allow Write permissions only on directories
C. Allow Full permissions on directories
D. Allow Modify permissions only on directories

Answer: A

NEW QUESTION 206
An enterprise technician is tasked to implement a disk array that will host continuous disk-to-disk replication. Which of the following storage types should be selected for maximum performance?

A. USB
B. SCSI
C. SATA
D. SAS

Answer: D

NEW QUESTION 207
An auditor wants to reduce the server footprint in a company's remote datacenter to decrease
hosting costs. Regarding life-cycle management, which if the following is the auditor MOST likely to look for in reviewing the company's asset data?

A. Make, model, asset tag, and serial number
B. Procurement date, current usage, and scheduled end of life
C. Licensing, warranty expiration date, and efficiency
D. Server configuration, MTBF, and replacement cost

Answer: B

NEW QUESTION 212
A SLA document:

A. outlines expectations and requirements from a provider to a consumer
B. contains information on specific hardware or software usage and behavior
C. defines performance expectations under normal circumstances
D. outlines expected movement of information between servers and services

Answer: A

NEW QUESTION 215
A server technician has just installed a server with several roles. The technician then launches a command prompt, runs the netstat command, and notices the
server is listening on the following ports: 88, 389, 464, 3268, and 3269. Which of the following server roles is MOST likely installed on this server, given the ports above?

A. Database server

B. Directory server
C. Mail server
D. Web server

Answer: B

NEW QUESTION 219
Which of the following devices should be installed BEFORE installing a server's operating system locally?

A. Hard drive
B. Chipset
C. NIC
D. Optical drive

Answer: A

NEW QUESTION 220
A server administrator recently upgraded a three-year-old server by replacing the old CPU and memory with a new CPU and memory. After the upgrade, the server regularly generates CPU and memory errors; however, the server is working. The administrator has confirmed the new CPU and memory are not faulty. Which of the following is the MOST likely cause of this problem?

A. Bad motherboard
B. Outdated BIOS and firmware
C. Outdated RAID controller
D. Bad memory and CPU chipset

Answer: B

NEW QUESTION 224
An administrator is decommissioning a company's old accounting system and will be sending all the hardware to an off-site recycler. Which of the following is the BEST method for the administrator to ensure no company data will be exposed before sending drives to the recycler?

A. Delete both the files and the folders from the hard drives, and then send them to the recycler
B. After logging out and powering down the server, send the drives to the recycler
C. Format all drives using the OS, and then send the drives to the recycler
D. Physically destroy the drives, and then send the drives to the recycler

Answer: D

NEW QUESTION 227
A server administrator is configuring 10 web servers, each of which can contain up to four hard disks. To get the HIGHEST level of redundancy for these servers, the administrator should:

A. configure using four disks in a RAID 0 array
B. configure using four disks in a RAID 5 array
C. configure using four disks in a RAID 6 array
D. configure using four disks in a RAID 10 array

Answer: C

NEW QUESTION 229
A storage administrator needs to connect a server to a storage array shared by 12 other servers. Which of the following interface types could be used to accomplish this connection?

A. Fibre Channel
B. SAS
C. USB
D. SCSI

Answer: B

NEW QUESTION 233
An administrator is given the following network information to configure a server with a static IP address: 10.152.0.4/21. Which of the following is the subnet mask for the given IP address?

A. 255.248.0.0
B. 255.255.128.0
C. 255.255.248.0
D. 255.255.255.248

Answer: C

NEW QUESTION 235
When installing processors with mixed stepping levels in a server, which of the following guidelines must be followed? (Select TWO).

A. The processors must have different frequencies set to operate.
B. The processor with the highest feature set must be the bootstrap processor.
C. The processors must have different cache sizes set to operate.
D. The processors must have the same cache size set.
E. The processor with the lowest feature set must be the bootstrap processo

Answer: DE

NEW QUESTION 236
Which of the following connects the L2 cache to the processor?

A. PCI
B. Frontside bus
C. Backside bus
D. System I/O bus

Answer: C

NEW QUESTION 238
A user is unable to connect to the company's intranet server by FQDN, but can connect by IP address. Other users are not having a problem. An administrator verifies that the user can successfully ping the server by IP address and can properly resolve the FQDN using nslookup.
The problem is persisting after running ipconfig /flushdns. Which of the following should the administrator do NEXT?

A. Examine the lmhost file.
B. Flush the cache on the DNS server.
C. Flush the cache on the WINS server.
D. Examine the hosts fil

Answer: D

NEW QUESTION 239
An administrator is looking to apply a new service pack for an OS on several systems that run business critical applications for a large international finance corporation.
Which of the following should the administrator do FIRST?

A. Deploy the service pack to a single department within the corporation.
B. Upgrade the system with requirements for that service pack.
C. Deploy the service pack to a non-critical application server.
D. Submit a change control for the service pack deploymen

Answer: D

NEW QUESTION 242
Which of the following actions will prevent a driver from being reinstalled automatically?

A. Run the disable command.
B. Disable the device using Device Manager.
C. Review manufacturer manual.
D. Reboot the server, logon in Safe Mode, uninstall the drive

Answer: B

NEW QUESTION 246
An administrator has purchased monitoring software that can be configured to alert administrators when hardware and applications are having issues. All devices are configured with SNMP, but the administrator wants to further secure the SNMP traffic. Which of the following settings would BEST provide additional monitoring security? (Select TWO).

A. Setting up a custom community name
B. Configuring the network to block traffic on port 161
C. Configuring the Windows Firewall to block port 161
D. Setting SNMP to read only on the devices
E. Installing new MIBs

Answer: AD

NEW QUESTION 251
When configuring a DHCP server, which of the following can the administrator define for DHCP users? (Select THREE).

A. Database server
B. NTP server
C. DHCP server
D. SQL server
E. DNS server
F. Domain name

Answer: BEF

NEW QUESTION 254
Which of the following BEST describes the difference between RAID 5 and RAID 6?

A. RAID 5 uses a dedicated parity drive and RAID 6 does not.
B. RAID 6 uses a dedicated parity drive and RAID 5 does not.
C. RAID 6 uses more parity drives than RAID 5.
D. RAID 5 uses more parity drives than RAID 6.

Answer: C

NEW QUESTION 258
Which of the following BEST describes a server where several physical server chassis are housed within an enclosure to share some redundant resources?

A. Tower server
B. Rack mount server
C. Blade server
D. Bare metal server

Answer: C

NEW QUESTION 263
Which of the following expansion cards should be installed into a server to provide fiber channel SAN connectivity?

A. HBA
B. USB
C. UAC
D. NIC

Answer: A

NEW QUESTION 267
A server is having problems accessing its presented storage on a SAN. Which of the following could be causing the problem? (Select TWO).

A. NIC
B. HBA
C. Tape backup drive
D. SCSI adapter
E. CPU

Answer: AB

NEW QUESTION 271
Which of the following internal storage devices has the GREATEST storage capacity and is WORM media?

A. CD-RW
B. CD-R
C. DVD-RW
D. Flash

Answer: B

NEW QUESTION 276
A user reports they cannot access the network share folder, the users workstation is configured to use automatic IP. When the administrator checks the IP address the response returns as 169.254.0.5. Which of the following should the administrator verify?

A. That there are no DHCP relay servers
B. That the user account on Active Directory is not locked
C. That the network card driver is not installed incorrectly
D. The network connection is functioning

Answer: D

NEW QUESTION 278
Which of the following RAID levels supports fault tolerance by writing parity to only one drive in the array?

A. RAID 3
B. RAID 5
C. RAID 6
D. RAID 10

Answer: A

NEW QUESTION 281
Which of the following protocols would MOST likely be used in the establishment of an IPSec VPN tunnel?

A. AES
B. TKIP
C. 802.1q
D. ISAKMP

Answer: D

NEW QUESTION 286
A server failed Thursday evening before the nightly backup. The backup scheme in place was full backups every Sunday, incremental backups on Monday, Wednesday, and Friday, and differential backups on Tuesday, Thursday, and Saturday. To fully restore the server, which of the following is the LEAST amount of backup sets required?

A. One
B. Two
C. Three
D. Four

Answer: C

NEW QUESTION 291
A technician has a current baseline and is told to install additional memory and a faster NIC card. At which point in time should the next baseline be run?

A. After the memory is installed
B. Before the upgrade is performed
C. After the NIC is installed
D. After the upgrades are performed

Answer: D

NEW QUESTION 293
A company utilizes the GFS backup standard. Which of the following describes this backup method?

A. Greatest, Final, Sequential
B. Full, Partial, Incremental
C. Monthly, Weekly, Daily
D. Full, Differential, Incremental

Answer: C

NEW QUESTION 297
Which of the following expansion cards should be installed in a server to allow the server to connect to a SAN via a fiber channel?

A. SATA
B. iSCSI
C. SCSI
D. HBA

Answer: D

NEW QUESTION 300
An administrator has encountered a problem with a particular piece of software installed on the server and begins the troubleshooting process. Which of the following is the FIRST place the administrator should look for specific information about the problem?

A. The supporting documentation
B. The vendors website
C. The Internet
D. The servers event logs

Answer: D

NEW QUESTION 302
Which of the following RAID arrays performs mirroring of the disks first, then striping of the disks?

A. RAID 1
B. RAID 0+1
C. RAID 6
D. RAID 10

Answer: D

NEW QUESTION 306
A company would like to upgrade an old server to a multi-processor box. The server currently has a single 3.0GHz 1Mb cache processor in it with a single empty socket. The only processor that is available from a manufacturer is a 3.0GHz 2Mb cache model. Which of the following is the BEST reason why this upgrade will not work?

A. The socket size does not match
B. The cache is from a different manufacturer
C. The processors do not match
D. Processors cannot be upgraded after server has been deployed

Answer: C

NEW QUESTION 308
A company has a corporate office building that is used by 50 to 100 unique visitors each day for meetings. Users routinely report that they are unable to access the network with their laptops when visiting this location.
The help desk reports that these users are not getting IP addresses automatically assigned.
After an investigation, the server administrator has determined that the DHCP service is functioning, but a minimal number of addresses are available for lease.
The building is on its own class C subnet and has 250 addresses in the scope. Which of the following represents a long term solution to the problem?

A. Manually delete address leases from DHCP.
B. Create reservations in DHCP for users frequently visiting this location.
C. Assign static IP addresses to visiting laptops.
D. Reduce the lease duration in the DHCP scope options to one da

Answer: D

NEW QUESTION 313
An administrator notes that after a recent power outage, some open files were corrupted on one affected file server. Which of the following items should the administrator consider to determine the cause of this corruption?

A. The servers memory
B. The servers RAID controller battery
C. The servers processor
D. The servers NIC teaming configuration

Answer: B

NEW QUESTION 317
While troubleshooting a video problem on an application server, the system administrator has determined that the video firmware should be updated. Which of the following sources should be used to locate an appropriate update for this hardware? (Select TWO).

A. Third-party manufacturer
B. Video chipset manufacturer
C. Server manufacturer
D. Operating system manufacturer
E. Shareware file sharing site

Answer: BC

NEW QUESTION 322
An administrator is planning an upgrade of a major software package on an application server.
The software has been tested successfully in a test environment and it is ready to go into production. Which of the following steps should the administrator take next?

A. Identify necessary operating system updates
B. Implement the change
C. Document the change
D. Schedule system down time

Answer: D

NEW QUESTION 326
In order to utilize most server management software, an administrator will have to install which of the following?

A. SNMP
B. SMTP
C. IPv6
D. UDP

Answer: A

NEW QUESTION 330
Which of the following cable types can be used to decrease susceptibility to electronic eavesdropping?

A. Fiber optic
B. Fast Ethernet
C. Coaxial
D. Thicknet

Answer: A

NEW QUESTION 333
When running a Windows server, which option is used with the ping command to define the number of packets transmitted?

A. -n
B. -a
C. -r
D. -v

Answer: A

NEW QUESTION 335
Which of the following backup types will reset the archive bit? (Select TWO).

A. Full
B. Compressed
C. Copy
D. Differential
E. Incremental

Answer: AE

NEW QUESTION 337
An administrator is creating a comprehensive backup system to backup a single web server. Which of the following is the BEST way to provide full restore?

A. Take an image backup nightly while the server is online.
B. Take an incremental backup while the server is offline.
C. Take a monthly snapshot backup while the server is online.
D. Take a differential backup while the server is onlin

Answer: A

NEW QUESTION 342
An administrator needs to build a new virtualization host. The hypervisor should be able to directly access the server hardware and allow the host to provide maximum performance. Which of the following types of hypervisors should the administrator install to BEST meet these goals?

A. Install a Type 1 hypervisor.
B. Install a Type 2 hypervisor.
C. Install a 32-bit hypervisor.
D. Install a hybrid hyperviso

Answer: A

NEW QUESTION 347
An administrator has been asked to put together a JBOD. Which of the following interfaces supports redundant controller? (Choose two.)

A. DVD
B. SAS
C. SATA
D. SSD
E. USB

Answer: BC

NEW QUESTION 350
A company implements a cold site for disaster recovery purposes due to a risk of hurricanes at its headquarters location. Which of the following BEST describes why the company chose to use a cold site?

A. Cold sites have fewer hurricanes than warm or hot sites.
B. A hot or warm site would have a higher MTTR than a cold site
C. Cold sites are the easiest to implement in the event of a disaster
D. A hot or warm site would have higher setup and ongoing costs

Answer: D

NEW QUESTION 352
A user reports that email does not work. Which of the following ordered steps should the administrator take to address the issue according to the troubleshooting theory?

A. Reboot the email server, document the findings, collect additional information about the issue, and then determine if the issue affects one or multiple users.
B. Document the findings, determine if the issue affects one or multiple users, collect additional information about the issue, and then reboot the email server.
C. Collect additional information about the issue, determine if the issue affects one or multiple users, reboot the email server, and then document the findings.
D. Collect additional information about the issue, document the findings, determine if the issue affects one or multiple users, and then reboot the email server.

Answer: C

NEW QUESTION 357
An administrator needs to securely dispose of 150 computers with SATA HDDs. Which of the following methods would ensure all data is erased in the MOST secure manner?

A. Use a degaussing tool on the hard drives
B. Use disk-wiping software
C. Use a utility to zero-fill the hard drive
D. Use a shredder to physically destroy the platters
E. Use fdisk to destroy the partition table

Answer: D

NEW QUESTION 360
A systems administrator is setting up a new SAN. Which of the following protocols should be used to access and manage the system?

A. WWN
B. NTP
C. DNS
D. SSH

Answer: D

NEW QUESTION 363
A server with a large amount of storage but not necessarily a very fast CPU would be BEST suited for which of the following applications?

A. DNS server
B. File server
C. DHCP server
D. Proxy server

Answer: B

NEW QUESTION 365
When a technician is given an iSCSI LUN, the server will be connected to which of the following?
(Choose two.)

A. SAN
B. SATA
C. SAS
D. NAS
E. SSD

Answer: AD

NEW QUESTION 366
Which of the following OSs would be the MOST appropriate to manage a server with an Active Directory?

A. Linux Ubuntu
B. Linux Fedora
C. Mac OS X
D. Windows Server 2013 Enterprise

Answer: D

NEW QUESTION 367
An administrator is configuring a RAID array on a new server with parity and striping. Which of the following is the MINIMUM number of disks needed to implement this array?

A. 1
B. 2
C. 3
D. 4

Answer: C

NEW QUESTION 370
An administrator is determining hardware requirements for a new, virtualized test environment. The vendor requires 8Gb of RAM for each host and 2Gb of RAM for each guest. If the server has a total of 32Gb of RAM, which of the following describes how many hosts and guests the server can support?

A. 4 hosts and 0 guests
B. 2 hosts and 8 guests
C. 1 host and 12 guests
D. 1 host and 16 guests

Answer: C

NEW QUESTION 373
An administrator is installing a 2U server from a remote location in a rack with 4U of available rack space. The administrator prepares the rack to accept the server. Which of the following is the MOST likely cause?

A. Not enough physical space
B. Mismatched rail kits
C. Wrong cable management arms
D. Broken rack rails

Answer: B

NEW QUESTION 374
An employee is working from home and has to dial into the system. The employee is able to connect to the network but is unable to authenticate. Which of the following is MOST likely offline?

A. Router
B. RADIUS server
C. DHCP server
D. Firewall

Answer: B

NEW QUESTION 375
An administrator has 120V, 150-amp service in the datacenter. Which of the following is the MAXIMUM number of servers with a faceplate rating of 65W that can be racked in the datacenter?

A. 200
B. 225
C. 250
D. 275
E. 300

Answer: D

NEW QUESTION 379
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